

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 19,800 (2023)

BRIDGE OMISSIONS:

SB STATION 807+22.71 TO 809+24.13

NB STATION 807+32.89 TO 809+34.31

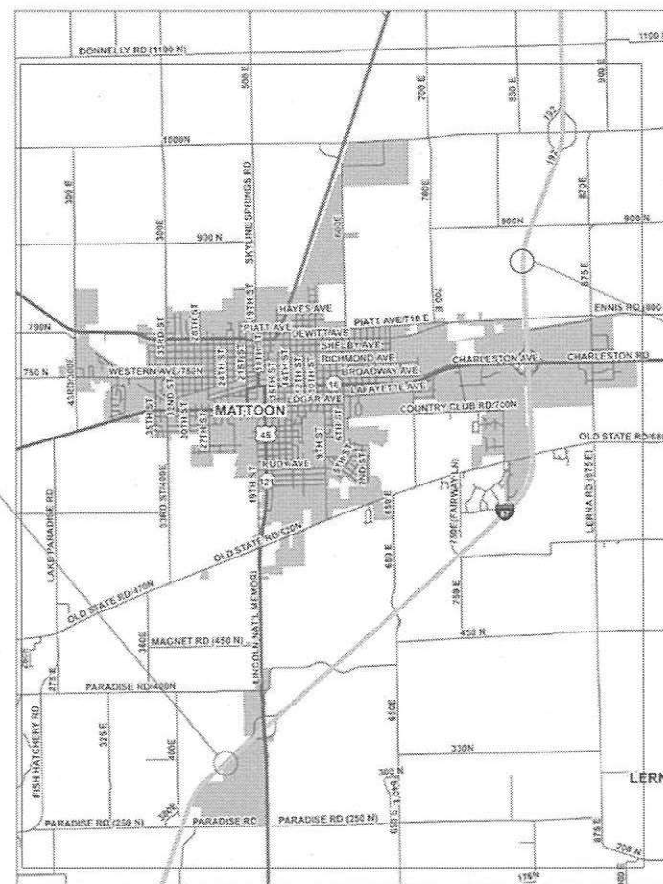
NB STATION 813+78.11 TO 815+87.69

SB STATION 813+78.11 TO 815+87.69

PROPOSED HIGHWAY PLANS

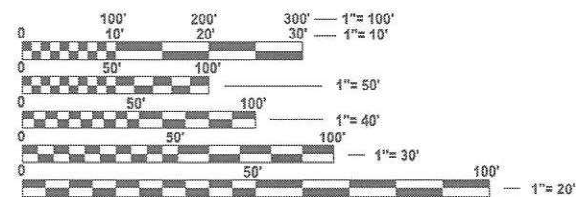
**FAI ROUTE 57 (I-57)
SECTION D7 JOINT REPAIRS 2025-1
LONGITUDINAL JOINT REPAIR
COLES COUNTY**

C97-017-25



PROJECT BEGINS: MILE POST 183.7

PROJECT ENDS: MILE POST 191

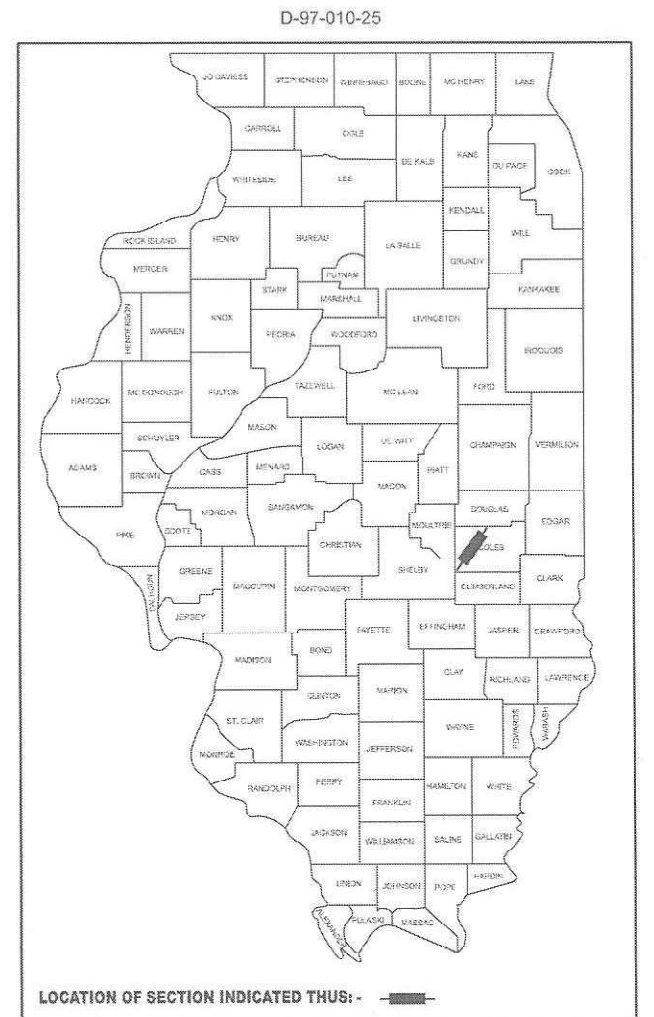


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JULIE.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: JARED BLOEMER

CONTRACT NO. 74D45



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 11 2025
Lora Rensing
DIRECTOR REGIONAL ENGINEER

May 9 2025

 ENGINEER OF DESIGN AND ENVIRONMENT

May 9 25 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX/STANDARDS/GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5-6	TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

STANDARDS IN THE PLANS

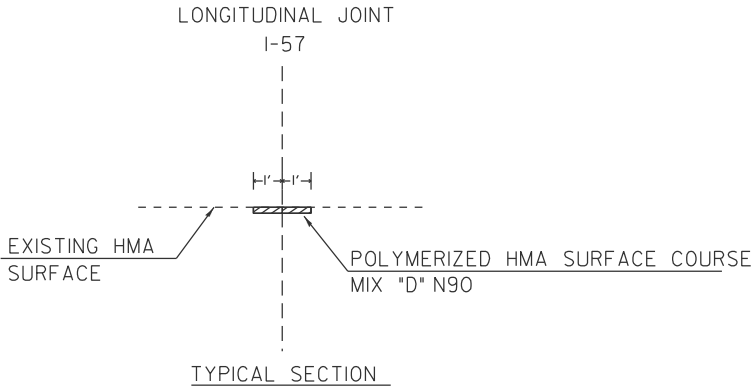
THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS =>45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS =>45 MPH
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

THE WORK IN THIS SECTION CONSISTS OF HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT SURFACE RESURFACING, RAISED REFLECTIVE PAVEMENT MARKER REMOVAL, PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE AND PAINT SHALL BE USED ON THE MILLED SURFACES.



HMA SURFACE REMOVAL 1.5'

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
PARTIAL DEPTH PATCHING	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	QCQA	3000	N/A

MODEL: Gen Note-1 (Sheet)
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	USER NAME = jared.bloemer	DESIGNED - J. BLOEMER	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS, & TYPICAL SECTION			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J. BLOEMER	REVISED -					57	D7 JOINT REPAIRS 2025-1	COLES	6	2
		CHECKED -	REVISED -					CONTRACT NO. 74D45				
	PLOT DATE = 3/11/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Project SQO - 01 (Sheet)
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				100% STATE	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY
				0005	0005
				URBAN	RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8392	5944	2448
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	1566	1109	457
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	18648	13209	5439
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	0.5	0.5
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8392	5944	2448
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2797	1981	816
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	20978	14859	6119
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2099	1487	612
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2099	1487	612
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	0.5	0.5

* SPECIALTY ITEM

REV - MS

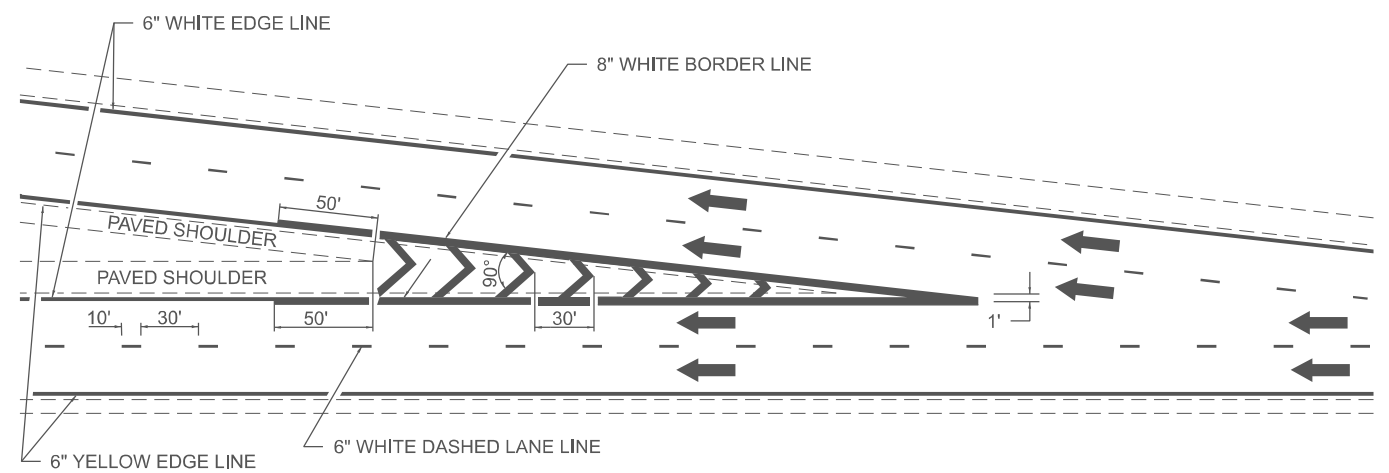
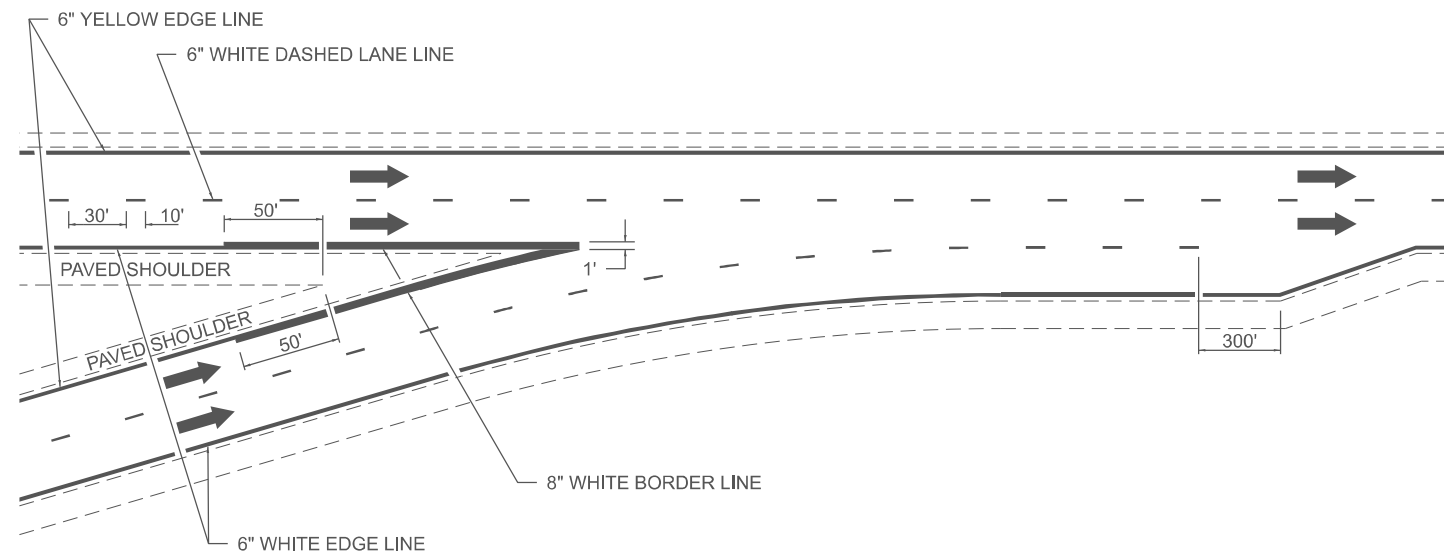
	USER NAME = jared.bloemer	DESIGNED - J. BLOEMER	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J. BLOEMER	REVISED -					57	D7 JOINT REPAIRS 2025-1	COLES	6	3
		CHECKED -	REVISED -					CONTRACT NO. 74D45				
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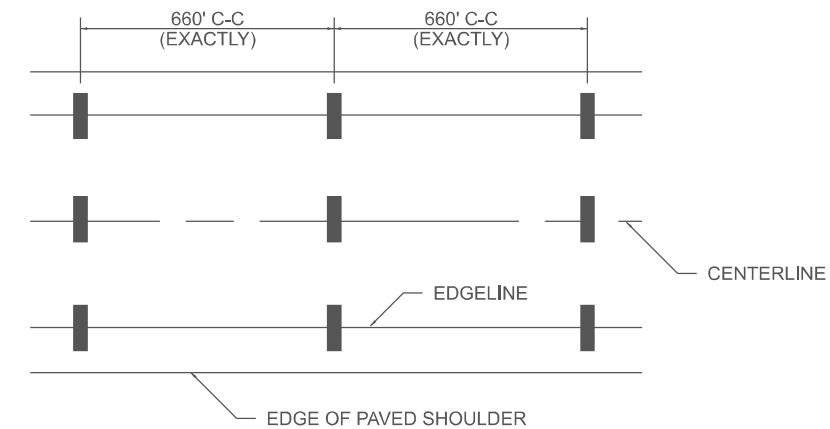
SCHEDULE OF QUANTITIES (URBAN)		LENGTH	HOT-MIX ASPAHLT SURFACE REMOVAL 1.5"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-90	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
LOCATION	MILEPOST	FEET	SQ YD	POUND	TON	FOOT	SQ FT	FOOT	EACH	EACH
NBCL	Centerline MP 183.7 to 184.86	6125	1361	612	114	612	204	1531	153	153
SBCL	Centerline MP 183.7 to 184.86	6125	1361	612	114	612	204	1531	153	153
NBCL	Centerline MP 187.10 to 191	20592	4576	2059	384	2059	686	5148	515	515
SBCL	Centerline MP 187.10 to 191	20592	4576	2059	384	2059	686	5148	515	515
NBOFF Ramp	DL Edgeline at Ramp MP 184	300	67	30	6	30	10	75	8	8
NBON Ramp	DL Edgeline at Ramp MP 184	750	167	75	14	75	25	188	19	19
NBOFF Ramp	DL Edgeline at Ramp MP 190	300	67	30	6	30	10	75	8	8
NBON Ramp	DL Edgeline at Ramp MP 190	500	111	50	9	50	17	125	13	13
NBON Ramp	DL Edgeline at Ramp MP 190	600	133	60	11	60	20	150	15	15
SBOFF Ramp	DL Edgeline at Ramp MP 190	350	78	35	7	35	12	88	9	9
SBOFF Ramp	DL Edgeline at Ramp MP 190	600	133	60	11	60	20	150	15	15
SBON Ramp	DL Edgeline at Ramp MP 190	600	133	60	11	60	20	150	15	15
SBOFF Ramp	DL Edgeline at Ramp MP 184	300	67	30	6	30	10	75	8	8
SBON Ramp	DL Edgeline at Ramp MP 184	600	133	60	11	60	20	150	15	15
NBDL Edgeline	MP 183.84	400	89	40	7	40	13	100	10	10
SBDL Edgeline	MP 188	1000	222	100	19	100	33	250	25	25
SBDL Edgeline	MP 187	528	117	53	10	53	18	132	13	13
	TOTALS=	60262	13391	6026	1125	6026	2009	15065	1507	1507
	OMITTED TOTALS=	822	183	82	16	82	28	206	20	20
	URBAN GRAND TOTALS=	59440	13209	5944	1109	5944	1981	14859	1487	1487

SCHEDULE OF QUANTITIES (RURAL)		LENGTH	HOT-MIX ASPAHLT SURFACE REMOVAL 1.5"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-90	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
LOCATION	MILEPOST	FEET	SQ YD	POUND	TON	FOOT	SQ FT	FOOT	EACH	EACH
NBCL	Centerline MP 184.86 to 187.10	11827	2628	1183	221	1183	394	2957	296	296
SBCL	Centerline MP 184.86 to 187.10	11827	2628	1183	221	1183	394	2957	296	296
SBDL Edgeline	MP 187	822	183	82	15	82	27	206	21	21
	TOTALS=	24476	5439	2448	457	2448	816	6119	612	612

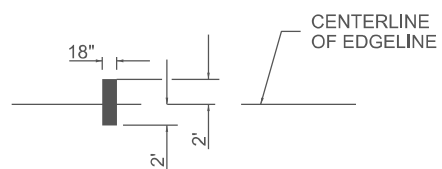
OMISSION SCHEDULE OF QUANTITIES (URBAN)		LENGTH	HOT-MIX ASPAHLT SURFACE REMOVAL 1.5"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-90	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
LOCATION	MILEPOST	FEET	SQ YD	POUND	TON	FOOT	SQ FT	FOOT	EACH	EACH
	S.N. Station to Station									
SBCL	015-51 Station 807+22.71 to 809+24.13	201	45	20	4	20	7	50	5	5
NBCL	015-52 Sation 807+32.89 to 809+34.31	201	45	20	4	20	7	50	5	5
NBCL	015-53 Station 813+78.11 to 815+87.69	210	47	21	4	21	7	53	5	5
SBCL	015-54 Station 813+78.11 to 815+87.69	210	47	21	4	21	7	53	5	5
	OMITTED TOTALS=	822	183	82	16	82	28	206	20	20



AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE
OF THE STATE POLICE PRESENT SO THAT THE ACCURACY
OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 JOINT REPAIRS 2025-1	COLES	6	5
		CONTRACT NO. 74D45		
		ILLINOIS FED. AID PROJECT		

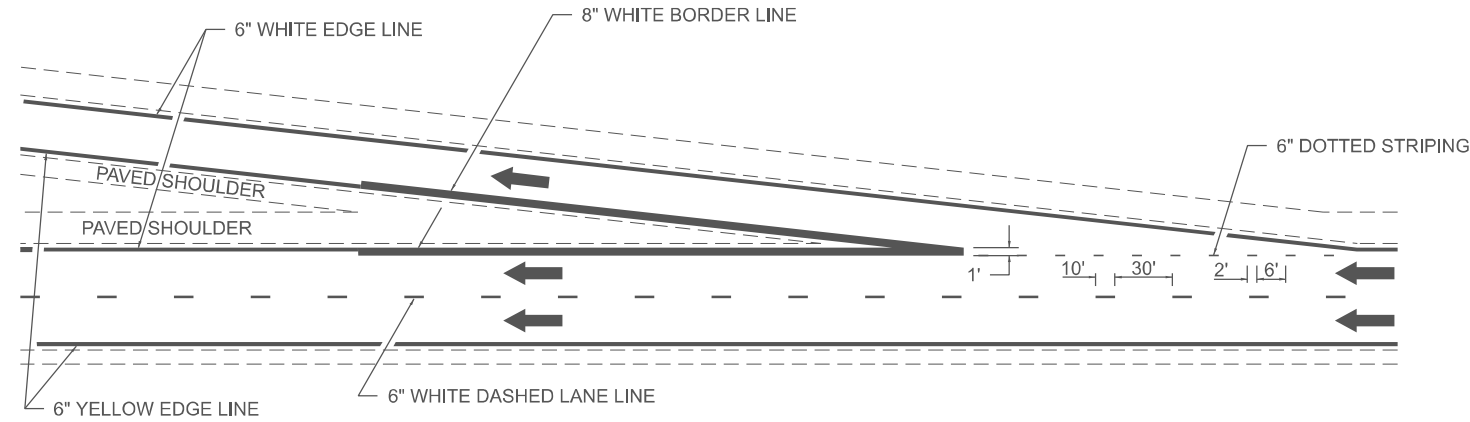
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		DRAWN = J. BLOEMER	REVISED =
		CHECKED =	REVISED =
	PLOT DATE = 2/11/2025	DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

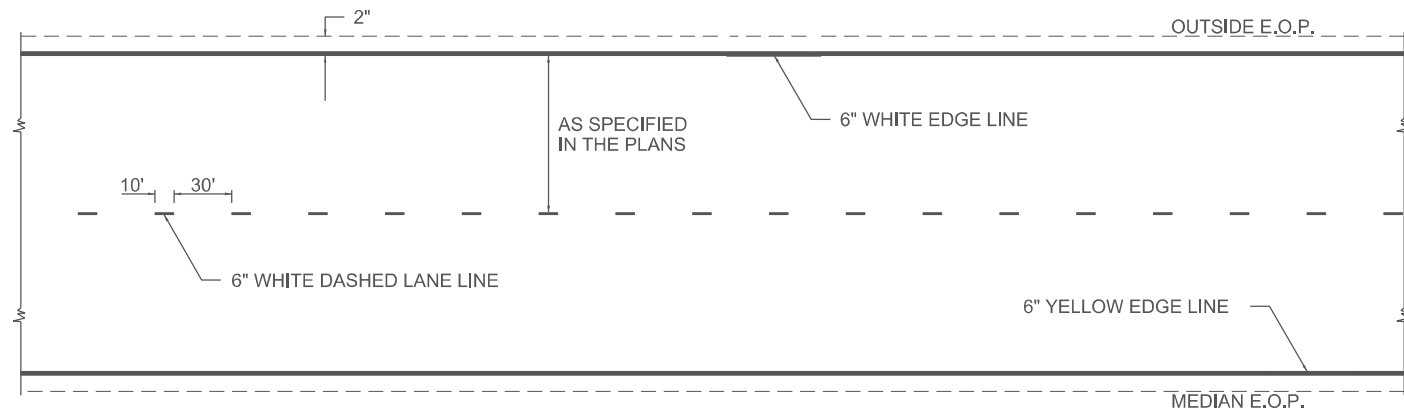
TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING

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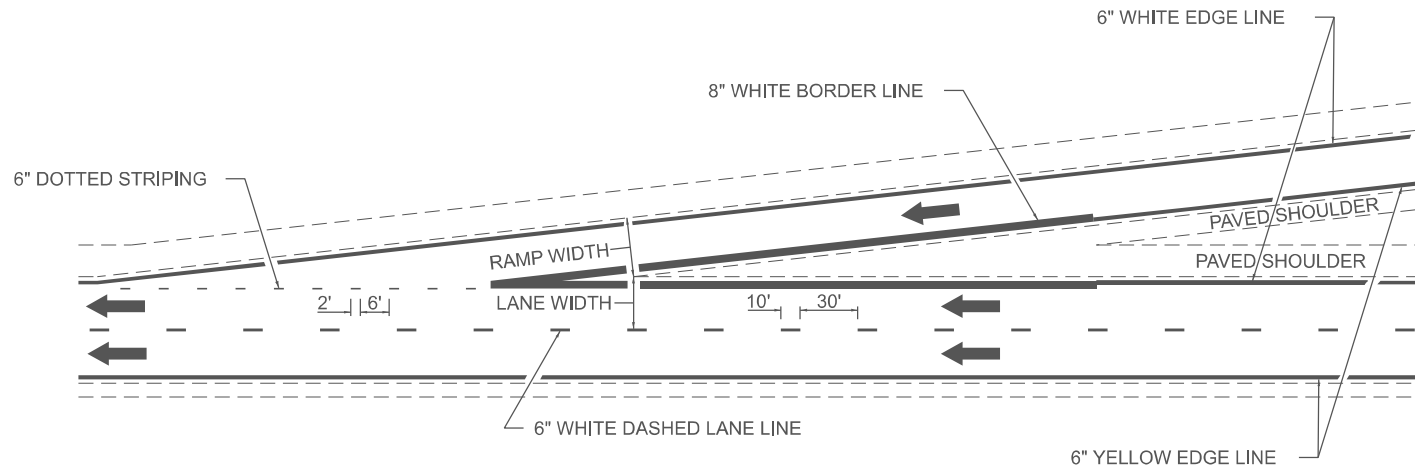
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TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

	USER NAME	= jared.bloemer	DESIGNED	- J. Bloemer	REVISED	-
	DRAWN	- J. Bloemer	CHECKED	-	REVISED	-
	DATE	-	DATE	-	REVISED	-
	PLOT DATE	= 2/19/2025				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING					
SCALE:	SHEET A002	OF 2	SHEETS	STA.	TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 JOINT REPAIRS 2025-1	COLES	6	6
CONTRACT NO. 74D45				
ILLINOIS FED. AID PROJECT				

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